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› Sanyun SW102 Computer Speakers User Manual

## Sanyun Sanyun SW102

# Sanyun SW102 Computer Speakers User Manual

Model: Sanyun SW102 | Brand: Sanyun

## INTRODUCTION

The Sanyun SW102 Computer Speakers are designed to provide acoustic quality stereo sound in a compact form factor. These speakers are ideal for use with PCs, laptops, and desktops, offering deep bass through built-in bottom bass radiators. They are USB powered and connect via a 3.5mm auxiliary interface, ensuring broad compatibility and ease of use.

## PACKAGE CONTENTS

Please verify that all items are present in the package:

- 2 x Sanyun SW102 Speakers with Bass Boost



Image: The Sanyun SW102 speakers, showing their compact design and the inline control for volume.

## PRODUCT FEATURES

- **Simple Elliptical Structure:** Constructed from metal and high-quality plastics, ensuring stability and preventing vibrating sounds. The black and silvery color scheme, complemented by a blue oval lamp ring, provides a modern aesthetic. The low-voltage digital power allows for a maximum output of 5W x 2, delivering clear, bright, rounded, and thick audio from a compact body (3.94x2.76x2.95 inches).

# Simple Elliptical Structure

Black and silvery color and the blue oval lamp ring make speakers show the beauty of metal curved lines.



Metal Base, more steady without vibrating sound.

Outstanding bass quality, compared to other small speakers. Built-in bass diaphragm, closed Cavity and Low Frequency Aid Design

Image: A detailed view highlighting the elliptical design and the stable metal base of the Sanyun SW102 speakers.

- **Superb Sound Quality:** Features outstanding bass quality for small speakers, achieved through a built-in bass diaphragm, closed cavity, and Low Frequency Aid Design. This unique acoustic resonator structure enhances sound penetration and power, compensating for the typical bass limitations of mini 2.0 speakers.
- **360 Degree Stereo Sound:** These 2.0 channel stereo speakers deliver optimal stereo effects when properly positioned. For the best experience, separate the two speakers by approximately 1 meter, and position yourself 1 meter away from each speaker, forming an equilateral triangle.
- **Wide Applicability:** Equipped with a high-quality cable and independent drive-by-wire control for stable sound transmission and convenient operation. The 3.5mm audio interface ensures compatibility with most music players. USB power supply allows direct connection to a computer's USB port or most 5V chargers.



Image: An illustration demonstrating how the Sanyun SW102 speakers connect via USB for power and 3.5mm audio jack to various devices like laptops, tablets, and MP3 players.

- **Plug and Play:** Simple to operate. Just connect the USB cable to a power source (device or charger) and the 3.5mm jack to your audio device. The independent wire control design offers enhanced convenience.

## SETUP GUIDE

1. **Unpack the Speakers:** Carefully remove the Sanyun SW102 speakers from their packaging.
2. **Position the Speakers:** Place the two speakers on a flat, stable surface, such as your desk. For optimal stereo sound, position them approximately 1 meter apart.
3. **Connect Audio Cable:** Insert the 3.5mm audio jack from the speaker cable into the audio output port of your computer, laptop, tablet, or other audio device.
4. **Connect USB Power:** Insert the USB plug from the speaker cable into an available USB port on your computer or a 5V USB power adapter (not included). Ensure the power source provides sufficient current (greater than 1A is recommended for optimal performance).
5. **Power On:** The speakers are plug-and-play. Once connected, they should power on automatically.



Image: The Sanyun SW102 speakers displaying their USB power cable and 3.5mm audio input cable, ready for connection.

## OPERATING INSTRUCTIONS

Once the speakers are set up, you can begin using them:

- **Volume Control:** Adjust the volume using the inline control located on the speaker cable. You can also control the volume from your connected device.
- **Audio Playback:** Start playing audio from your connected device (e.g., music, videos, games). The sound will be output through the Sanyun SW102 speakers.
- **Optimal Listening Position:** For the best stereo effect, ensure your listening position forms an equilateral triangle with the two speakers, as described in the "Product Features" section.

# Small Body with Powerful Audio

Enjoy stereo surround sound through reasonable placement



Image: Sanyun SW102 speakers placed on a desk next to a laptop, illustrating a typical setup for enjoying stereo audio.



Image: Sanyun SW102 speakers set up alongside a desktop computer, demonstrating their versatility in different computing environments.

## MAINTENANCE

To ensure the longevity and optimal performance of your Sanyun SW102 speakers, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the speakers. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the speakers in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the speakers with care. Avoid dropping them or subjecting them to strong impacts.
- **Cable Care:** Do not bend or crimp the cables excessively. Always pull from the plug, not the cable, when disconnecting.

## TROUBLESHOOTING

If you encounter issues with your Sanyun SW102 speakers, refer to the following common problems and solutions:

| Problem                           | Possible Cause                                                                                       | Solution                                                                                                                                                 |
|-----------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sound distortion or low volume    | Insufficient power supply (current too low), especially from some computer USB ports (less than 1A). | Try connecting the USB power cable to a different power source, such as a 5V charger, ensuring the current is greater than 1A.                           |
| Continuous noise (humming/static) | Interference from the computer's power system when both audio and power cords are connected.         | Ensure proper grounding of your computer. Try connecting the speakers to a different USB port or a separate 5V charger. Disconnect and reconnect cables. |
| Less or no bass                   | Underpowered speakers or potential damage to the bass diaphragm during transportation.               | Verify the power supply is adequate (5V, >1A). If the issue persists, contact customer support for assistance, as the bass diaphragm might be damaged.   |

If these solutions do not resolve the issue, please refer to the Customer Support section.

SPECIFICATIONS

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Product Net Weight          | 520g (1.15 lbs)                            |
| Dimensions (W x D x H)      | 10 x 7 x 7.5 cm (3.94"D x 2.75"W x 2.95"H) |
| RMS Power                   | 5W x 2 (Total 10W)                         |
| Channel                     | 2.0 Stereo                                 |
| Speaker Unit                | 40mm x 2 + Diaphragm x 2                   |
| Frequency Response          | 30Hz – 20KHz                               |
| Signal-to-Noise Ratio (S/N) | > 60dB                                     |
| Separation                  | > 40dB                                     |
| Power Supply                | 5V USB                                     |
| Interface                   | 3.5mm Audio Interface                      |
| Material                    | Metal, Plastic                             |
| Control Method              | Inline Wire Control                        |



Image: A diagram illustrating the physical dimensions of the Sanyun SW102 speaker and its cable lengths.

## WARRANTY INFORMATION

The Sanyun SW102 Computer Speakers come with a **Limited Warranty**. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or contact Sanyun customer support.

## CUSTOMER SUPPORT

Sanyun is dedicated to providing the best products and after-sales service. If you encounter any problems or have questions regarding your Sanyun SW102 speakers, please do not hesitate to contact us directly and timely. We have professional laboratory and technical personnel available to assist you.

For support, please visit the official Sanyun store or contact their customer service channels as provided on their website or product packaging.

Visit the [Sanyun Store on Amazon](#) for more information and support resources.

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question